DOCKET 36005260

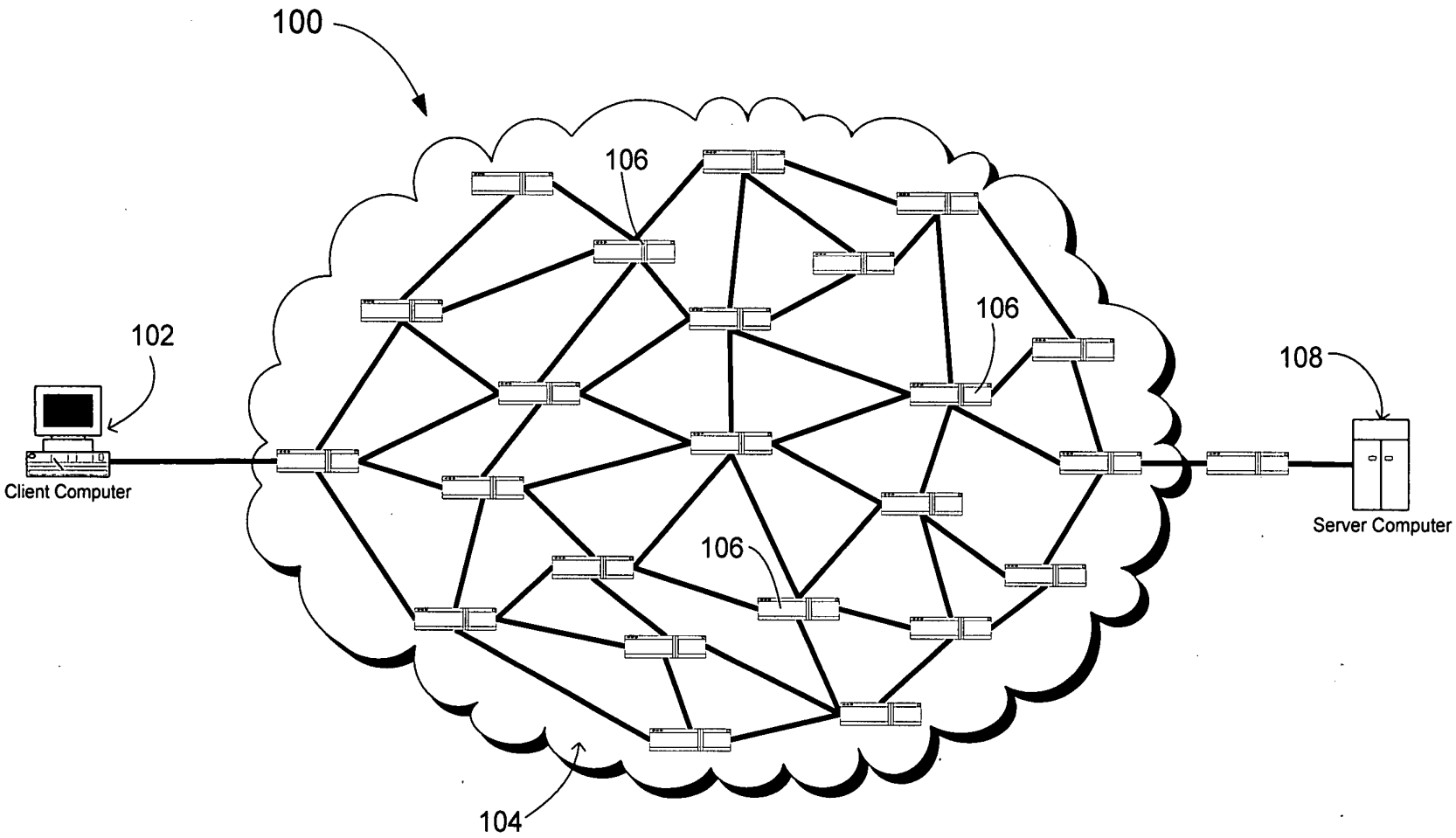


FIG. 1

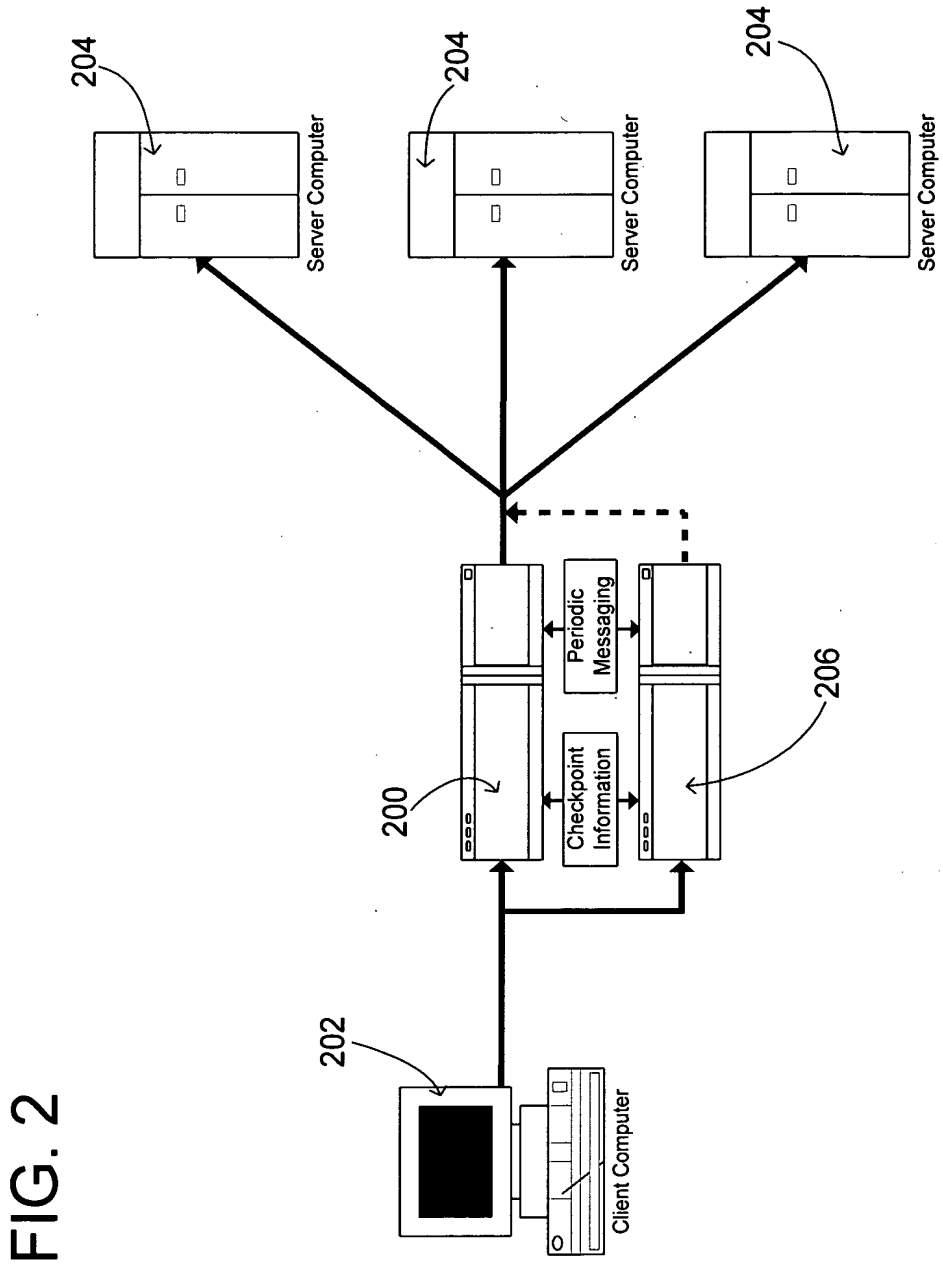

204
204
204
Server Computer
Server Computer
Server Computer
Periodic Messaging
Checkpoint Information
200
206
202
Client Computer

FIG. 2

FIG. 3

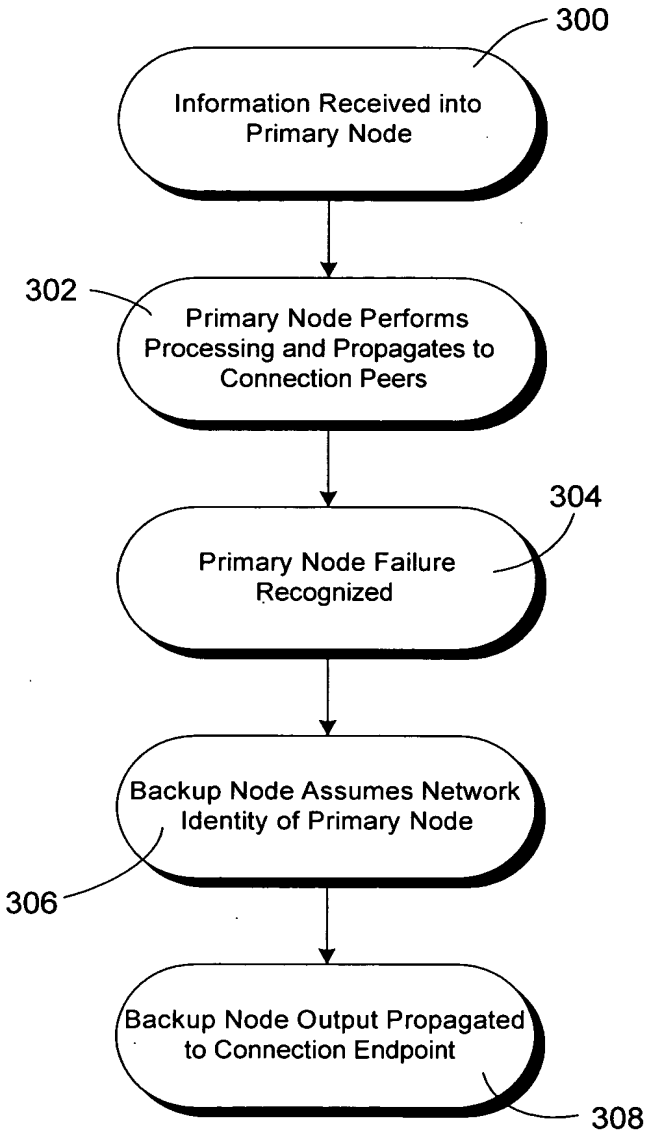
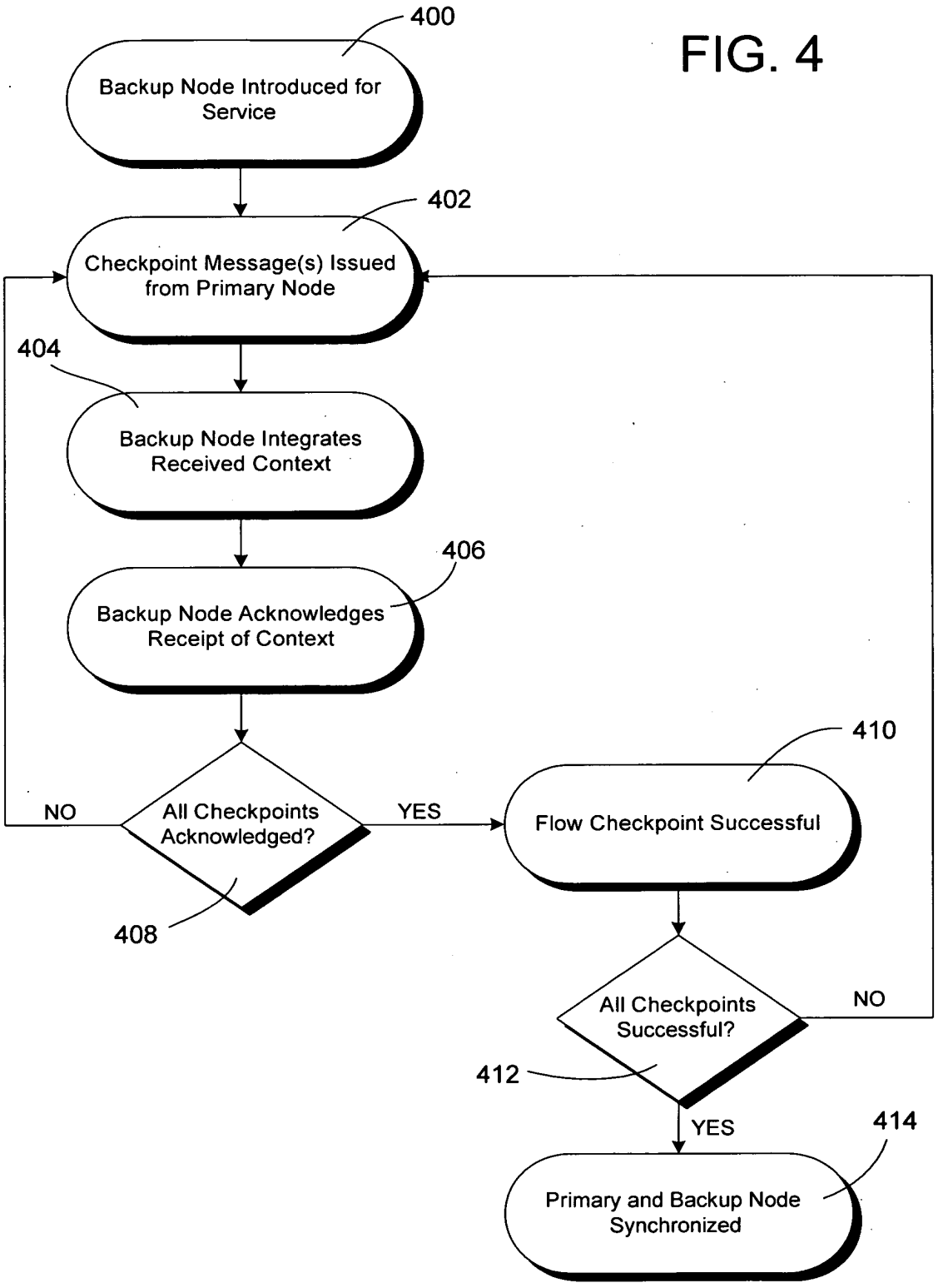

300
Information Received into Primary Node
302
Primary Node Performs Processing and Propagates to Connection Peers
304
Primary Node Failure Recognized
Backup Node Assumes Network Identity of Primary Node
306
Backup Node Output Propagated to Connection Endpoint
308

FIG. 4


400
Backup Node Introduced for Service
402
Checkpoint Message(s) Issued from Primary Node
404
Backup Node Integrates Received Context
406
Backup Node Acknowledges Receipt of Context
All Checkpoints Acknowledged?
NO
YES
408
410
Flow Checkpoint Successful
All Checkpoints Successful?
NO
412
YES
414
Primary and Backup Node Synchronized